Summary of the Invention

The invention describes a method and a device for the focussing of X-rays by means of glass capillary optics and serves, in particular, the purpose of realization of X-ray-zoom-optics. The method is based on the fact that, by means of the alteration of the distances of two semi-lenses arranged opposite each other, the focal lengths can be adjustably set.

The design of the device is selected in such a way that the distance between the two semi-lenses can be set by means of a highly -sensitive rotary mechanism. In this way, for example, focal lengths ranging between 50 and 300 mm can be adjustably set.

EK594319341US